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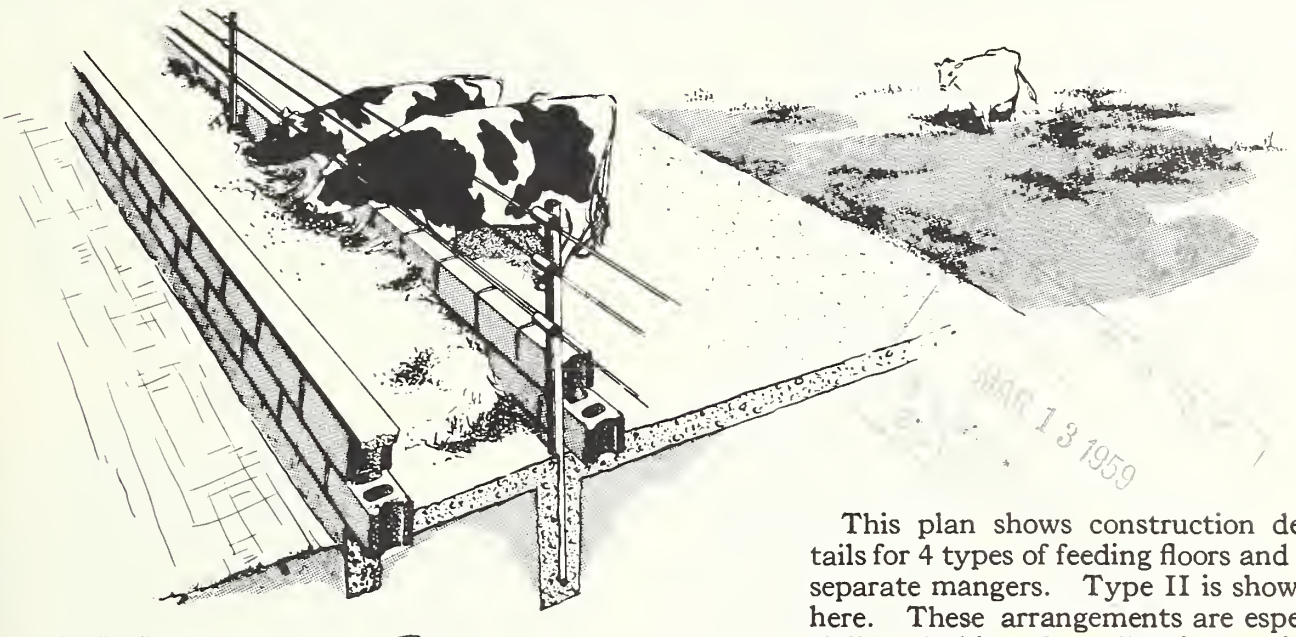
MANGERS AND FEEDING FLOORS

FOR DAIRY AND BEEF CATTLE

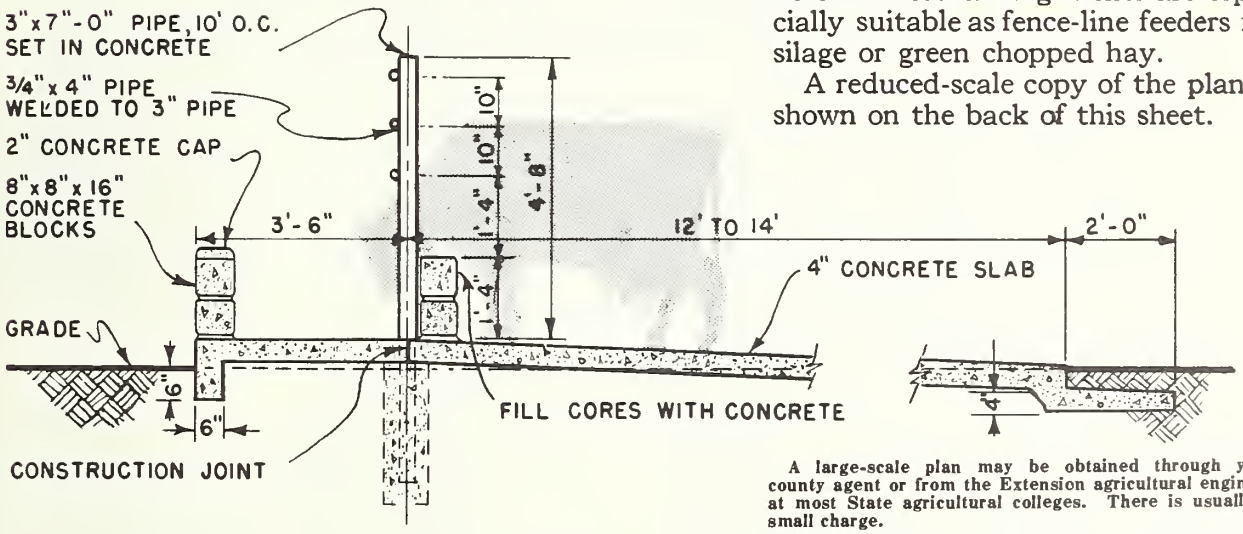
COOPERATIVE FARM BUILDING PLAN NO. 5837 (1 SHEET) PLAN EXCHANGE



MAR 13 1959

This plan shows construction details for 4 types of feeding floors and 2 separate mangers. Type II is shown here. These arrangements are especially suitable as fence-line feeders for silage or green chopped hay.

A reduced-scale copy of the plan is shown on the back of this sheet.



A large-scale plan may be obtained through your county agent or from the Extension agricultural engineer at most State agricultural colleges. There is usually a small charge.

ORDER PLAN NO. 5837, MANGERS AND FEEDING FLOORS FOR DAIRY AND BEEF CATTLE

If the plan is not available in your State, write to the U. S. Department of Agriculture, Agricultural Engineering Research Division, Plant Industry Station, Beltsville, Maryland. The U. S. Department of Agriculture does not distribute plans, but will direct you to a State that does distribute them.

Issued February 1959

UNITED STATES DEPARTMENT OF AGRICULTURE Miscellaneous Publication No. 782

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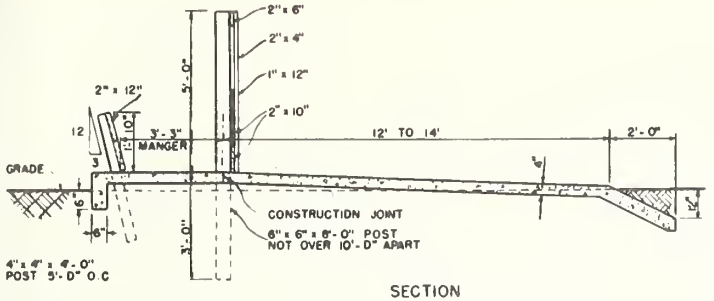
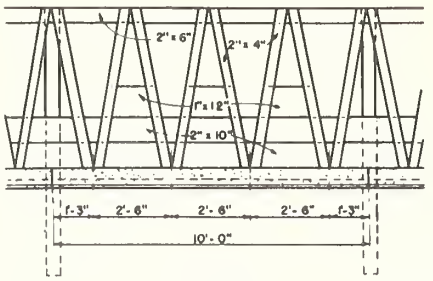
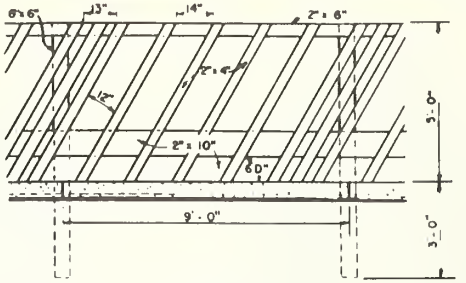


SECTION

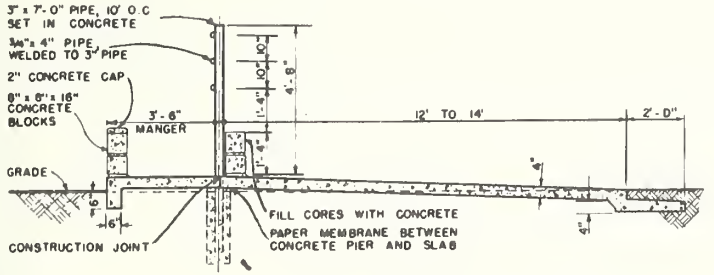


ELEVATION

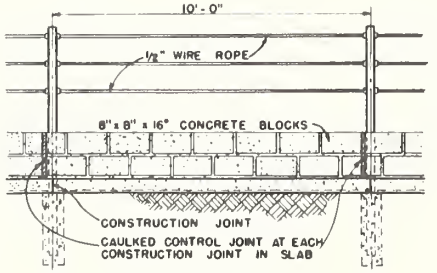
TYPE I



ELEVATION

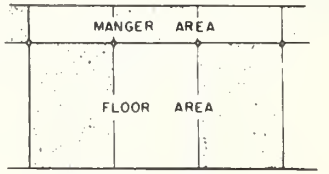

3" x 7'-0" PIPE, 10' O.C SET IN CONCRETE
3/4" x 4" PIPE WELDED TO 3" PIPE
2" CONCRETE CAP
8" x 8" x 16" CONCRETE BLOCKS
3'-6" MANGER
12' TO 14'
2'-0"
GRADE
FILL CORES WITH CONCRETE
PAPER MEMBRANE BETWEEN CONCRETE PIER AND SLAB
CONSTRUCTION JOINT

SECTION



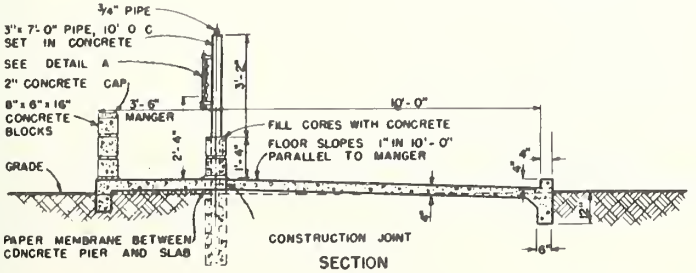
ELEVATION

TYPE II



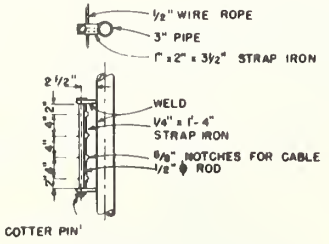
CONCRETE POURING PLAN

POUR SHADED AREAS FIRST


3/4" PIPE
3" x 7'-0" PIPE, 10' O.C SET IN CONCRETE
SEE DETAIL A
2" CONCRETE CAP
8" x 8" x 16" CONCRETE BLOCKS
3'-6" MANGER
10'-0"
FILL CORES WITH CONCRETE
FLOOR SLOPES 1" IN 10'-0" PARALLEL TO MANGER
GRADE
PAPER MEMBRANE BETWEEN CONCRETE PIER AND SLAB
CONSTRUCTION JOINT

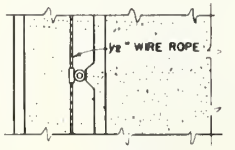
SECTION

TYPE III



DETAIL A

SCALE: 3/4" = 1'-0"

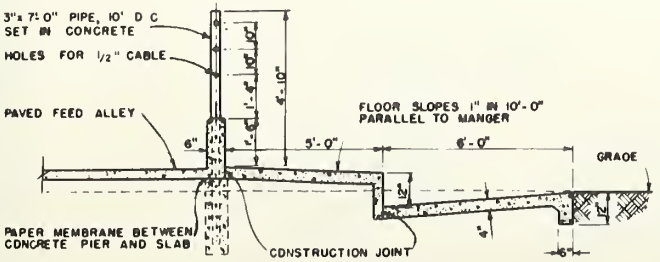


PLAN

NOTE ---

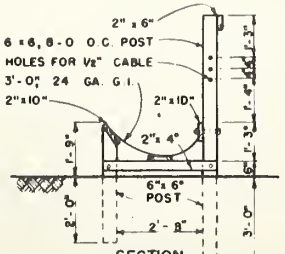
1 ALL CONCRETE STANDING FLOORS SLOPE 1/2" PER FOOT AWAY FROM MANGER

2 FOR LONGEST SERVICE ALL WOOD POSTS SHOULD BE PRESSURE-TREATED WITH PRESERVATIVE OTHER WOOD PARTS SHOULD BE BRUSH OR DIP TREATED WITH A COPPER-NAPTHANATE PRESERVATIVE AFTER CUTTING



SECTION

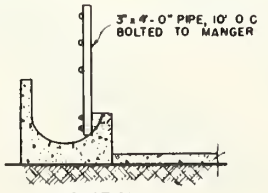
TYPE IV



SECTION

MANGER

(WOOD & SHEET METAL)



SECTION

MANGER

(PRECAST CONCRETE)

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS,

AND

[illegible] DEPARTMENT OF AGRICULTURE COOPERATING

MANGERS & FEEDING FLOORS

FOR DAIRY & BEEF CATTLE

CAL '57 | EX 5837 | SHEET 1 OF 1

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